



Complete Summary

GUIDELINE TITLE

Parameter on "refractory" periodontitis.

BIBLIOGRAPHIC SOURCE(S)

American Academy of Periodontology. Parameter on "refractory" periodontitis. J Periodontol 2000 May; 71(5 Suppl):859-60. [26 references]

COMPLETE SUMMARY CONTENT

SCOPE
METHODOLOGY - including Rating Scheme and Cost Analysis
RECOMMENDATIONS
EVIDENCE SUPPORTING THE RECOMMENDATIONS
BENEFITS/HARMS OF IMPLEMENTING THE GUIDELINE RECOMMENDATIONS
QUALIFYING STATEMENTS
IMPLEMENTATION OF THE GUIDELINE
INSTITUTE OF MEDICINE (IOM) NATIONAL HEALTHCARE QUALITY REPORT
CATEGORIES
IDENTIFYING INFORMATION AND AVAILABILITY

SCOPE

DISEASE/CONDITION(S)

Refractory periodontitis, such as refractory chronic periodontitis and refractory aggressive periodontitis

GUIDELINE CATEGORY

Assessment of Therapeutic Effectiveness
Evaluation
Treatment

CLINICAL SPECIALTY

Dentistry

INTENDED USERS

Dentists

GUIDELINE OBJECTIVE(S)

To provide a parameter on the treatment of refractory periodontitis.

TARGET POPULATION

Patients with destructive periodontal disease(s) not responsive to conventional therapy.

INTERVENTIONS AND PRACTICES CONSIDERED

1. Analyses of subgingival microbial samples collected from selected sites including antibiotic-sensitivity testing
2. Selection and administration of an appropriate antibiotic regimen
3. Conventional periodontal therapies
4. Reevaluation with microbiological testing
5. Identification and attempt to control risk factors
6. Intensified periodontal maintenance

MAJOR OUTCOMES CONSIDERED

- Efficacy of therapy
- Progression of periodontal disease

METHODOLOGY

METHODS USED TO COLLECT/SELECT EVIDENCE

Searches of Electronic Databases

DESCRIPTION OF METHODS USED TO COLLECT/SELECT THE EVIDENCE

Not stated

NUMBER OF SOURCE DOCUMENTS

Not stated

METHODS USED TO ASSESS THE QUALITY AND STRENGTH OF THE EVIDENCE

Not stated

RATING SCHEME FOR THE STRENGTH OF THE EVIDENCE

Not applicable

METHODS USED TO ANALYZE THE EVIDENCE

Review

METHODS USED TO FORMULATE THE RECOMMENDATIONS

Not stated

RATING SCHEME FOR THE STRENGTH OF THE RECOMMENDATIONS

Not applicable

COST ANALYSIS

A formal cost analysis was not performed and published cost analyses were not reviewed.

METHOD OF GUIDELINE VALIDATION

Internal Peer Review

DESCRIPTION OF METHOD OF GUIDELINE VALIDATION

Approved by the Board of Trustees, American Academy of Periodontology, May 1998.

RECOMMENDATIONS

MAJOR RECOMMENDATIONS

Therapeutic Goals

The goal of therapy for "refractory" periodontitis is to arrest or slow the progression of the disease. Due to the complexity and many unknown factors, control may not be possible in all instances. In such cases a reasonable treatment objective is to slow the progression of the disease.

Treatment Considerations

Once the diagnosis of refractory periodontitis has been made, the following steps may be taken:

1. Collection of subgingival microbial samples from selected sites for analyses, possibly including antibiotic-sensitivity testing
2. Selection and administration of an appropriate antibiotic regimen
3. In conjunction with the administration of an antimicrobial regimen, conventional periodontal therapies may be used
4. Reevaluation with microbiological testing as indicated
5. Identification and attempt to control risk factors (e.g., smoking)
6. Intensified periodontal maintenance program which may include shorter intervals between appointments with microbiologic testing if indicated (see related Parameter on Periodontal Maintenance).

Outcomes Assessment

1. The desired outcome for patients with refractory periodontitis includes arresting or controlling the disease.
2. Due to the complexity and many unknown factors of refractory periodontitis, control may not be possible in all instances. In such cases, a reasonable treatment objective is to slow the progression of the disease.

CLINICAL ALGORITHM(S)

None provided

EVIDENCE SUPPORTING THE RECOMMENDATIONS

TYPE OF EVIDENCE SUPPORTING THE RECOMMENDATIONS

The type of supporting evidence is not specifically stated for each recommendation.

BENEFITS/HARMS OF IMPLEMENTING THE GUIDELINE RECOMMENDATIONS

POTENTIAL BENEFITS

Control of refractory periodontitis by arresting or slowing the progression of the disease.

POTENTIAL HARMS

Not stated

QUALIFYING STATEMENTS

QUALIFYING STATEMENTS

1. Each parameter should be considered in its entirety. It should be recognized that adherence to any parameter will not obviate all complications or post-care problems in periodontal therapy. A parameter should not be deemed inclusive of all methods of care or exclusive of treatment appropriately directed to obtain the same results. It should also be noted that these parameters summarize patient evaluation and treatment procedures which have been presented in more detail in the medical and dental literature.
2. It is important to emphasize that the final judgment regarding the care for any given patient must be determined by the dentist. The fact that dental treatment varies from a practice parameter does not of itself establish that a dentist has not met the required standard of care. Ultimately, it is the dentist who must determine the appropriate course of treatment to provide a reasonable outcome for the patient. It is the dentist, together with the patient, who has the final responsibility for making decisions about therapeutic options.

IMPLEMENTATION OF THE GUIDELINE

DESCRIPTION OF IMPLEMENTATION STRATEGY

An implementation strategy was not provided.

INSTITUTE OF MEDICINE (IOM) NATIONAL HEALTHCARE QUALITY REPORT CATEGORIES

IOM CARE NEED

Living with Illness

IOM DOMAIN

Effectiveness
Patient-centeredness

IDENTIFYING INFORMATION AND AVAILABILITY

BIBLIOGRAPHIC SOURCE(S)

American Academy of Periodontology. Parameter on "refractory" periodontitis. J Periodontol 2000 May; 71(5 Suppl):859-60. [26 references]

ADAPTATION

Not applicable: The guideline was not adapted from another source.

DATE RELEASED

1996 Oct (revised 2000 May)

GUIDELINE DEVELOPER(S)

American Academy of Periodontology - Professional Association

SOURCE(S) OF FUNDING

American Academy of Periodontology

GUIDELINE COMMITTEE

American Academy of Periodontology

COMPOSITION OF GROUP THAT AUTHORED THE GUIDELINE

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FINANCIAL DISCLOSURES/CONFLICTS OF INTEREST

Not stated

GUIDELINE STATUS

This is the current release of the guideline. It is an update of a previously issued document (Parameters of care. Chicago (IL): American Academy of Periodontology; 1996 Oct. 24-8 [23 references]).

This publication has been edited to reflect decisions by the Board of Trustees in approving the term "periodontal maintenance" in lieu of "supportive periodontal therapy" (January 2000) and a new classification of periodontal diseases, as published in the Annals of Periodontology, December 1999; Volume 4, Number 1 (April 2000).

An update is not in progress at this time.

GUIDELINE AVAILABILITY

The complete set (13 parameters) of the American Academy of Periodontology Parameters of Care can be downloaded from the Academy's Web site. An Adobe Acrobat Reader is required to download the publication.

To access the Academy's Web site, go to www.perio.org. To access a copy of the Parameters of Care, go to www.perio.org/resources-products/pdf/parameters.pdf.

AVAILABILITY OF COMPANION DOCUMENTS

This is one of 13 practice parameters available in the American Academy of Periodontology Parameters of Care. This journal supplement includes a Foreword and an Overview.

To access the Academy's Web site, go to www.perio.org. To access a copy of the Parameters of Care, go to www.perio.org/resources-products/pdf/parameters.pdf.

PATIENT RESOURCES

None available

NGC STATUS

This is an update of a previously issued summary that was originally completed by ECRI on March 25, 1999, was verified by the guideline developer on April 26,

1999, and was published to the NGC Web site in May 1999. The updated summary was verified by the guideline developer as of October 17, 2000.

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